

NICOLAU, St.S., academician; DRAGANESCU, N.; IONESCU, N.I.; BOERU, V.;
~~CTEN~~ TIN HUAI

Experimental studies of the anti-rabies vaccine prepared under the influence of copper ions. Contributions concerning the mechanism of transformation of the pathogenic virus into an immunogenic one under the influence of the copper. Stud. cercet. inframicrobiol. Bucur. 12 no.2:193-203 '61.

1. Comunicare prezentata la Institutul de inframicrobiologie al Academiei R.P.R. a. M. 11. 1961.
(RABIES immunology) (VACCINES)
(COPPER pharmacology)

NICOLAU, St.S., academician; DRAGANESCU, N.; BOERU, V.; IONESCU, N.I.

Ultraviolet spectrophotometric investigations of ribonucleic
acid extracted from influenza virus inactivated by copper ions.
Stud. cercet. inframicrobiol. 12 no.3:285-288 '61.

(INFLUENZA VIRUSES chemistry) (RIBONUCLEIC ACID chemistry)
(SPECTROPHOTOMETRY) (COPPER)

CONSTANTINESCU, C.; PAUN, Florica; MARES, Viorica; in colaborare cu
DRAGANESCU, N.

Infantile encephalo-pneumonitis caused by a large-sized viral agent.
Stud. cercet. inframicrobiol. 12 no.3:389-394 '61.

(PNEUMONIA virology) (MENINGOENCEPHALITIS virology)
(MIYAGAWANELLA)

MARINESCU, G.; SARATEANU, D.; DRAGANESCU, N.

Experimental morphopathological aspects of neorickettsial infection
in animals. Stud. cercet. inframicrobiol. 12:229-233 Supplement '61.
(NEORICKETTSIA infection)

DRAGANESCU, N.

Some data on an inframicrobial germ of large dimensions isolated from a lethal case of infantile encephalo-pneumonitis. Rev. sci. med. 6 no.3/4:153-156 '61.

(MENINGOENCEPHALITIS virology)
(PNEUMONIA, INTERSTITIAL PLASMA CELL virology)

DRAGANESCU, N., TUCREA, A.

Isolation of an inframicrobial germ from a case of human case of hemorrhagic encephalitis. Stud. cercet. inframicrobiol. 13 no.1: 73-79 '62.

(ENCEPHALITIS virology)

DRAGANESCU, N.; SARATEANU, D.; SORODOC, G.

Identification of inframicrobial germs in the encephalopneumonitis syndrome in infants. Stud. cercet. inframicrobiol. 13 no.2:203-208 '62.

1. Comunicare prezentata la Institutul de inframicrobiologie al Academiei R.P.R.

(PNEUMONIA virology) (BRAIN diseases)
(ORNITHOSIS in inf. & childh.)

DRAGANESCU, N.; DUMITRESCU, S.; IONESCU, N.I.

Cytopathological lesions in the chorioallantoic membrane in embryonated hen eggs infected with sheep-tick encephalitis virus. Stud. cercet. inframicrobiol. 13 no.2:227-232 '62.

1. Comunicare prezentata la Institutul de inframicrobiologie al Academiei R.P.R.

(ENCEPHALITIS, EPIDEMIC virology)	(VIRUSES culture)
(FETAL MEMBRANES)	(TISSUE CULTURE)

ROMANIA

D. SARATEANU, N. DRAGANESCU, T.I. IONESCU and Al. PETRESCU, Institute of Inframicrobiology (Institutul de inframicrobiologie) Bucharest.

"Modification of an Orithosis Virus Strain by Rapid Passage on Embryonated Eggs."

Bucharest, Studii si Cercetari de Inframicrobiologie, Vol 13, No 6, 1967; pp 715-724.

Abstract [English summary modified]. Short-interval (48 hours) passages on chorio-allantoic membrane of the "S" human orithosis strain increased its infectivity for mice, invasiveness and antigenicity. In addition to the 2 clinical forms of orithosis virus as observed under the electron microscope, authors also detected a new type of bodies averaging 50 mu and tentatively considered to represent the actual hemagglutinating particles. Two tables, 7 electron microphotographs; 5 Romanian and 18 Western references.

1/1

CAJAL, N.; DRAGANESCU, N.; BURDUCEA, O.

The evolution of experimental encephalitis in mice infected with the tick virus and exposed to irradiation with β and γ rays.
Stud. cercet. inframicrobiol. 14 no.1:17-21 '63.

1. Comunicare prezentata la cel de-al II-lea Simpozion ramino-bulgar asupra encefalitelor actuale.

(ENCEPHALITIS) (ENCEPHALITIS VIRUSES)
(RADIATION EFFECTS)

RUMANIA

MINCULESCU, M., DRAGANESCU, N., ILIESCU, Al., POPOVICI, F., GODJA, E. and MARINESCU, S. of the Institute of Inframicrobiology of the RPR Academy (Institutul de Inframicrobiologie al Academiei RPR) and the Pediatrics Section (Sectia de Pediatrie) of the United Hospital of Bacau (a Spitalului Unificat Bacau).

"Infantile Encephalitis Due to Arbor-Viruses."

Bucharest, Studii si Cercetari de Inframicrobiologie, Vol 14, No 5, 1963, pp 619-624.

Abstract [Authors' English summary modified]: In 4 of 15 infants with a clinical syndrome of acute encephalitis coming from a rural environment, there was an increase in the dynamics of the hemagglutination-inhibition antibody titer with respect to tick-borne encephalitis virus. One of the cases showed left hemiparesis with facial paresis on the same side, while the other 3 did not present the characteristic clinical syndrome, showing fever, agitation to convulsions or drowsiness, and vegetative disturbances. All 4 children recovered.

Includes 1 table and 18 references, of which 3 Western, 2 Russian, 1 German and 12 Rumanian.

1/1

DRAGANESCU, N.; POPESCU, Gr.; SOROLOC, G.; In colaborare: VASILIU, V.;
DALGEANU, I.; MOLDOVEANU, P.

Incidence of anti-encephalitic antibodies (sheep-tick virus)
in the region of Dobruja. Stud. cercet. inframicrobiol. 15
no.1:51-58 '64.

DRAGANESCU, N.

Laboratory investigations of some cases of viral encephalitis confirmed from an etiological point of view. Stud. cercet. in-framicrobiol. 15 no.4:349-357 '64

DRAGANESCU, N.; POPESCU, Gr.

The incidence of hemagglutination-inhibiting antibodies against sheep-tick virus in various types of encephalitis. Studii cercet. inframicrobiol. 15 no.6:569-574 '64

DRAGANESCU, N.; POPESCU, Gr.; BOTGROS, V.; SARATEANU, D.

Study of a viral microorganism with reticuloendothelial affinity,
isolated from a case of meningeal syndrome. Stud. cercet. infra-
microbiol. 16 no.1:61-68 '65.

POPESCU, Gr.; DRAGANESCU, N.; in colaborare cu TURCU, T. prof.;
DIIGEANU, I.; MINCULESCU M.

Serological study in encephalitis foci with endemic potential
for the sheep-tick virus. Stud. cercet. inframicrobiol. 16 no.3:
227-232 '65.

RUMANIA

616.988.2

DRAGANESCU, N. and POPESCU, Gr., of the Institute of Inframicrobiology (Institutul de Inframicrobiologie) of the Academy of the Socialist Republic of Rumania (al Academiei Republicii Socialiste Romania).

"A Study of Some Viral Germs with Certain Cytopathic Effects Isolated from Various Cases of Human Encephalitis."

Bucharest, Studii si Cercetari de Inframicrobiologie, Vol 17, No 4, 66, pp 299-302.

Abstract: The authors report some laboratory data relating to five strains of viruses isolated from the cephalorachidian fluid of human encephalitis patients. The five strains showed cytopathic effects of the polykaryocytic type, with the presence of some formations of the nuclear inclusion type; in the cytoplasm, round or irregular eosinophil-type formations were noted.
Includes 3 figures and 10 Rumanian references.

1/1

NICOLAIDE, Andrei, ing., candidat in stiinte tehnice (Brasov); DRAGANESCU, Ovidiu, ing. (Craiova)

Starting characteristics of synchronous motors with salient unlaminated poles. Electrotehnica 11 no.6:215-225 Je '63.

1. Lector la Institutul politehnic - Brasov (for Nicolaide).
2. Inginer principal la uzinele Electroputere, Craiova (for Draganescu).

"APPROVED FOR RELEASE: Friday, July 28, 2000

CIA-RDP86-00513R0004111200

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CIA-RDP86-00513R00041112000

DRAGANESCU, Ovidiu, ing. (Craiova); GALBENU, Gheorghe, ing. (Craiova);
~~Cristea, Nicolae, ing. (Craiova)~~

Influence of the nature of the cage material on the starting
parameters of synchronous machines. Electrotehnica 13 no.2:
41-45 F '65.

"Electroputere" Plant, Craiova. Submitted November 27,
1964.

L 41640-66

ACC NM AF6031211

SOURCE CODE: RU/0004/65/000/002/0041/0045

AUTHOR: Draganescu, Ovidiu (Engineer); Galbenu, Gheorghe (Engineer); Cristea, Nicoale (Engineer)

ORG: "Electroputere" Works, Craiova (Uzinele "Electroputere")

TITLE: Influence of the nature of cage material on the starting parameters of synchronous machines

SOURCE: Electrotehnica, no. 2, 1965, 41-45

TOPIC TAGS: electric motor, electric engineering

ABSTRACT: Experimental studies on the behavior of the MSA synchronous motor (630 kilowatt, 6 kilovolt, 1,000 rotations per minute) with various metals as cage material leads the authors to recommend the proper materials in terms of the desired characteristics. Orig. art. has: 7 figures and 1 table. [Based on authors' Eng. abst.] [JPRS]

SUB CODE: 09 / SUBM DATE: 27Nov64 / ORIG REF: 005

Cord 1/1 af

UDC: 621.313.323.045.56.001.24

DRAGANESCU, St. [deceased]; DRAGANESCU, N.; VUIA, O.

Clinico-morphological and etiological aspects of primary encephalitis in children. Stud. cercet. inframicrobiol. 16 no.2:145-164 '65.

DRAGANESCU, St

DECEASED

1964

Medicine

for analysis

DRAGANESCU, V., fiz.

Sources of monoisotope light with Hg¹⁹⁸. Metrologia apl 11 no. 8:
354-357 Ag '64.

"APPROVED FOR RELEASE: Friday, July 28, 2000

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DRAGANESCU, V.

Collimation of atomic beams. I. Agirbiceanu, V. Drăg-
ănescu, and A. Chetroui. *Acad. rep. populare Romîne,
Inst. fiz. atomice și Inst. fiz. Studi cercetări fiz.* 10, 247-64
(1959); cf. Crawford, *et al.*, *C.A.* 45, 2314a.—Investiga-
tions have been carried out, concerning the collimation of the
beam, of an at. beam tube, the following being detd.:
optimum functioning temp. of the furnace, atom distribu-
tion in the metal deposit, the collimation factor, the equiv.
temp. of the atoms in the beam, and the Doppler width
assocd. with this temp. The metal employed was Pb, which
is vaporized readily at relatively low temps. Results
agreed well with theoretically predicted values. The opti-
mum width of the beam corresponded to a certain width of
the gap. The value calcd. for the Doppler half-width of
the tube employed was 0.0008 cm.⁻¹; this corresponds
to a temp. of 4.3°K. M. Lapidot

ef

DRAGANESCU, V.

8

14
/ Determination of the nuclear magnetic moment of Hg^{199} and also the hyperfine structure of the mercuric iodide 5461-
A. line. Ion Arghireanu, Nicolas Ionesco-Pallas, Vasile
Draganescu, Nicolas Comaniciu, and Vasile Tatu (Inst. Ac-
Phyz., Bucarest-Magurele, Romania). *Compt. rend.* 250,
317-18(1960).—A previous measurement of the magnetic
moment (cf. CA 52, 2526c) was reevaluated and the work was
repeated with new equipment to eliminate some of the exptl.
errors. A value of $\mu_{\text{N}} = 0.506$ n.m. was obtained; this
agrees well with the values obtained by magnetic resonance.
The interval factor obtained was $A(^1\text{S}_1) = 0.7166 \text{ cm}^{-1}$ for
 Hg^{199} . Arnold Friedman—

det.

S/058/62/000/010/032/093
A061/A101

AUTHORS: Agirbiceanu, I., Comaniciu, N., Drăgănescu, V., Tatu, V.

TITLE: The isotopic constant of mercury

PERIODICAL: Referativnyy zhurnal, Fizika, no. 10, 1962, 37, abstract 10B292
("Studii și cercetări fiz. Acad. RPR", 1961, v. 12. no. 3, 645 -
652, Rumanian; summaries in Russian and French)

TEXT: The isotopic constant of mercury was calculated on the basis of the
deformed nucleus model. The nuclear radius was determined from the comparison
with the experimental value of the isotopic constant, obtained from the isotopic
shift of the spectral lines. ✓

[Abstracter's note: Complete translation]

Card 1/1

AGARBICHANU, I.I. [Agarbiceanu, I.]; BLANARU, L.; DRAGANESKU, V.;
IONESCU-PALLAS, N.I. [Ionesco-Pallas, N.J.]; KOMANICHU, N.;
TATU, V.

Determining the nuclear magnetic moment of the isotope Hg^{199} from
the hyperfine structure of the HgI 5461 Å line. Opt.1 spektr. 10
no.3:297-300 Mr '61. (MIRA 14:8)

1. Institut atomnoy fiziki AN Rumynskoy Narodnoy Respubliki,
Bukharest.

(Nuclear moments) (Mercury--Isotopes) (Interferometry)

DRAGANESKU, V. [Draganescu, V.]

Determining the nuclear magnetic moment of Na^{23} from the hyperfine structure of the D_1 and D_2 absorption lines. Opt.i spektr. 10 no.3:301-307 Mr '61. (MIRA 14:8)

1. Institut atomnoy fiziki AN Rumynskoy Narodnoy Respubliki,
Bukharest.
(Nuclear moments) (Sodium--Isotopes) (Interferometry)

DRAGANESCU, V.; COMANICIU, N.; BLANARU, L.; TATU, V.

The Fabry-Perot standards with improved properties. Studii cerc
fiz 12 no.2:441-448 '61.

1. Institutul de fizica atomica Bucuresti.

(Spectroscope) (Interference(Light))

S/0051/64/016/002/0182/0186

ACCESSION NR: AP4020919

AUTHOR: Draganes^{cu}, V.; Komanichu, N.; Tatu, V.; Ionescu-Pallas, N.Zh.

TITLE: Hyperfine and isotope structure of the 5535 Angstrom line of Ba I

SOURCE: Optika i spektroskopiya, v.16, no.2, 1964, 182-186

TOPIC TAGS: hyperfine structure, isotope structure, isotope shift, barium(I), barium(I) resonance line, hfs theory, LS coupling calculations

ABSTRACT: The 5535 Å Ba I line has been investigated by H.Kopefermann and G.Wessel (Nachr.Akad.Wissensch.,Göttingen,Math.-Phys.No.2,53,1948), O.H.Arroe (Phys.Rev.,72, 836,1950) and later by D.A.Jackson (Ibid.,106,948,1957 and Proc.Roy.Soc.,A263,289, 1961), but only the last, who used absorption in an atomic beam, was able to discern hyperfine structure. The present theoretical and experimental investigation of this resonance line, associated with the $6s^2 1S_0 - 6s6p^1P_1$ transition, was undertaken to check the experimental data and provide a theoretical explanation thereof. (Jackson noted a discrepancy between the observed and calculated intensities and hypothesized a small hfs (10 mK) for the odd isotopes.) The present experimental work was also carried out by the absorption in an atomic beam technique; the setup

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ACCESSION NR: APL020919

for obtaining the atomic beam was an improved version of the apparatus described by V.Draganesku (Opt. i spektro., 10, 301, 1961) and included provision for water-cooling of the evaporator in order to enhance the vacuum. A special device consisting of two mirrors with slits was employed to make the light beam pass several times through the atomic beam, in order to obtain substantial absorption without recourse to increasing the evaporator temperature. The light source was a hollow cathode tube into which the barium was introduced in the form of BaCl₂. The spectroscopic instrument was an ISP-22 spectrograph crossed with a Fabry-Perot etalon; the interference patterns were photographed with an exposure of under 15 min and scanned on a Zeiss microphotometer. There were resolved in all 7 components arranged almost symmetrically with respect to the central 138 component in an interval of about 40 mK ($1 \text{ mK} = 10^{-3} \text{ cm}^{-1}$). The experimental data are compared in a table with the results of calculations based on the intermediate coupling theory of G.Breit and L.A.Wills (Phys. Rev. 44, 470, 1933), assuming Russell-Saunders (L-S) coupling. The computation formulas are adduced, and corrections are made for finite nuclear size and the nuclear magnetism distribution. The agreement between the experimental data and calculated values is satisfactory. The theory at present is not adequate for deciding for or against Jackson's hypothesis. The proposed interpretation allows of explaining some

Cor 2/3

ACCESSION NR: APL020919

of the observed components. Nevertheless further measurements aimed at determining the broadening of the hfs in the spectra of separate isotopes are planned. "The authors are grateful to I. Agarbichan for useful discussions during the course of the work." Orig.art.has: 17 formulas and 1 table.

ASSOCIATION: Institut atomnoi fiziki, Bucharest (Institute of Atomic Physics)

SUBMITTED: 10May63

DATE ACQ: 02Apr64

ENCL: 00

SUB CODE: PH

NR REF SOV: 003

OTHER: 009

Card 3/3

DRAGANESCU, V.; AGAFITEI, A.; COMANICIU, N.; NITOIU, A.

Recording spectrophotometer with the Fabry-Perot standard.
Studii cerc fiz 16 no.7:773-778 '64

1. Institute of Nuclear Physics, P.O. Box 35, Bucharest.

AGARBICEANU, I. I.; TATU, V. S.; COMANICU, N. T.; DRAGANESCU, V. V.

Tin isotopic displacements for Sn^{116} , Sn^{118} , Sn^{120} isotopes.
Studii cerc fiz 16 no.8:877-887 '64.

1. Institute of Atomic Physics, P.O.Box 35, Bucharest.

KOSANIC, Miroslav, dipl., fiz., hem., asistent; DRAGANIC, Ivan, dr., naučni
saradnik (Beograd, Jevremova 16)

Utilization of already used nuclear reactor fuel elements as a source
of radiation. Tehnika Jug 16 no.11:1908-1917 '61.

1. Nuclear Science Institute "Boris Kidric", Beograd-Vinca.

ANTIC, Ljiljana, dipl. fiz. hem., saradnik, (Beograd, Balkanska 48/I);
SIMIC GLAVASKI, Miodir, dipl. fiz. hem., saradnik.;
DRAGANIC, Ivan, dr., saradnik.

Polyphenyls in the reactor technology. Tehnika Jug 17 no.4:
644-647 Ap '62.

1. Institut za nuklearne nauke "Boris Kidric", Odeljenje za
radijacionu hemiju, Beograd-Vinca.

Y/001/62/000/005/004/004
D293/D302

AUTHORS: Antić, Bjiljana, Simić-Glavaški, Miomir, Draganić,
Ivan, Doctor, Chemists

TITLE: Polyphenyls in reactor engineering. II

PERIODICAL: Tehnika, no. 5, 1962, 846-852

TEXT: The article, a continuation of an article published in Tehnika, no. 4, 1960, deals with the thermal and radiation properties of aromatic hydrocarbons, particularly of polyphenyls, and their use as coolants and moderators in nuclear reactors. All the data contained in the article have been compiled from foreign publications and are based on experiments conducted at Harwell and on other existing reactors, such as OMRE, Piqua and OCCR. There are 4 tables, 6 figures and 23 references: 1 Soviet-bloc and 22 non-Soviet-bloc. The 4 most recent references to the English-language publications read as follows: E. F. Wiesner: Nuclear Engineering, 5, no. 45, 68, 1960; K. H. Campbell: Nuclear Engineering, 5, no. 45, 53, 1960; C. R. Tipton, edit.: Reactor Handbook, v. 1, Materi-

Card 1/2

Polyphenyls in reactor ...

Y/001/62/000/005.004/004
D293/D302

als, Interscience Publishers Inc., New York, 1960; J. Scrivins:
Nuclear Engineering, 5, no. 45, 61, 1960.

ASSOCIATION: Institut za nuklearne nauke "Boris Kidrič", Odeljenje
za radijacionu hemiju ("Boris Kidrič" Institute
of Nuclear Sciences, Radiation Chemistry Section),
Belgrade-Vinča

SUBMITTED: November 20, 1961

Card 2/2

DRAGANIC, I.

Radiation chemistry at the Boris Kidric Institute of Nuclear Sciences, Vinca; abstract. Glas Hem dr 27 no.9/10:485 '64

1. The Boris Kidric Institute of Nuclear Sciences, Department of Radiation Chemistry, Belgrade-Vinca.

DRAGANIC,Z.; DRAGANIC,I.; KOSANIC,M.

Radiolysis of aqueous solutions of oxalic acid. Pt.1.,abstract.
Glas Hem dr 27 no.9/10:537-538 '64

1. The Boris Kidric Institute of Nuclear Sciences, Department
of Radiation Chemistry, Belgrade-Vinca.

OVCIN, D.; MICIC, O.; DRAGANIC, I.

Radiolysis of aqueous solutions of oxalic acid. Pt. 2; abstract.
Glas Hem dr 27 no. 9/10:539-540 '64

1. The Boris Kidric Institute of Nuclear Sciences, Department
of Radiation Chemistry, Belgrade-Vinca.

OVCIN, D.; DRAGANIC, I.

Radiolysis of aqueous solutions of oxalic acid. Pt.3; abstract.
Glas Hem dr 27 no.9/10:541-542 '64

1. The Boris Kidric Institute of Nuclear Sciences, Department
of Radiation Chemistry, Belgrade-Vinca.

Y/001/62/000/005/003/004
D293/D302

AUTHOR: Draganić, Zorica, Chemist, Assistant (Belgrade)
TITLE: Possibilities of utilizing ionizing radiations. IV.
Sterilization of medical equipment and pharmaceutical
products

PERIODICAL: Tehnika, no. 5, 1962, 843-845

TEXT: The brief review of applications of ionizing radiations for medical purposes is based entirely on non-Soviet-literature. There are 11 non-Soviet-bloc references. The 4 most recent references to the English-language publications read as follows: Ch. Artandi, W. van Winkle Jr.: Large Radiation Sources in Industry, 2, 249, IAEA, Vienna, 1960; T. Horne et al.: Brit. Med. J., 1, 830, 1959; L. Augenstine: Rad. Res., 10, 89, 1959; Ch. Artandi, W. van Winkle Jr.: Nucleonics, 17, no. 3, 86, 1959.

ASSOCIATION: Odeljenje za radijacionu hemiju u Institutu za nuklearne nauke "Boris Kidric" (Radiation Chemistry

Card 1/2

Possibilities of utilizing ...

Y/001/62/000/005/003/004
D293/D302

Section of the "Boris Kidrič" Institute of Nuclear
Sciences), Belgrade-Vinča

SUBMITTED: December 25, 1961

Card 2/2

RADAK, B.; MARKOVIC, V.; DRAGANIC, I.

Radiation dosimetry of the reactor RA at Vinca. Measurements by isothermal calorimeter. Bul Inst Nucl 12:7-41 0 '64.

1. The Institute of Nuclear Sciences "Boris Kidrich," Department of Radiation Chemistry, Vinca. 2. Membre of the Editorial Board, "Bulletin of the Institute of Nuclear Sciences 'Boris Didrich'" (for Draganic).

GAL, O.; PRIBICEVIC, S.; KONSTANTINOVIC, S.; DRAGANIC, I.

Radiation dosimetry of the RA reactor at Vinca. Measurements by chemical dosimeters. Bul Inst Nucl 13 no.1:53-75 Ap '62.

1. The Boris Kidrich Institute of Nuclear Sciences, Department of Radiation Chemistry, Vinca.

DRAGANIC, Ivan, dr. (Beograd)

On the occasion of the publication of the first number of the supplement "Radioaktivni isotopi i zracenja". Tehnika Jug 17 no.1:24a
Ja '62.

1. Nacelnik Odeljenja za radioisotope Savezne komisije za nuklearnu energiju.

(Radioisotopes) (Radiation)

DRAGANIC, Ivan, dr, naucni saradnik (Beograd, Jevremova 16)

Radiation chemistry in the Boris Kidrich Nuclear Science
Institute at Vinca. Tehnika Jug 18 no.5:Suppl.:Radioizotopi
zrac 2 no.5:805-810 My '63.

1. Institut za nuklearne nauke "Boris Kidric", Beograd-Vinca.

DRAGUET, I.

Fluorimetrische Uranbestimmung in Erzen,

SO: Recueil de Travaux, No. 1, Belgrade, Juillet 1952 (Pub. of VINCA INST.)

DRAGANIC, IVAN

"A study of the extraction of europium nitrate traces using radioactive Eu^{132} as indicator"

SO: Recueil de Travaux, De L'Institut De Recherches Sur La Structure De La Matiere
Vol. 2, Belgrade, Janvier 1953

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has a pH of 3.5, and gives with caustic soda at

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CIA-RDP86-00513R00041112000

RADAK, B.B.; DRAGANIC, I.G.

The ^{60}Co radiation unit of the Boris Kidrich Institute at Vinca. Bul Inst Nucl 13 no.1:77-88 Ap '62.

1. The Boris Kidrich Institute of Nuclear Sciences, Department of Radiation Chemistry, Vinca.

GOLUBOVIC, Velicko; DRAGANIC, Julijana; ILIC, Marija; DINIC, Zoran

Active and inactive forms of pulmonary tuberculosis with special
reference to work capacity. Srpski arh. celok. lek. 89 no.3:253-258
Mr '61.

1. Gradska bolnica za grudobolne na Bezanijskoj Kosi, Beograd-Zemun.
Upravnik: prim. dr Ljubisa Ilic.

(TUBERCULOSIS PULMONARY diag)
(DISABILITY EVALUATION)

GOLUBOVIC, V.; DRAGI VIC, J.; VUKOSAVLJEVIC, I.

Our results in the prolonged treatment of pulmonary tuberculosis
with a combination of streptomycin and isoniazid. Tuberkuloza 15
no.2:236-237 Ap-Je '63.

1. Gradska bolnica za grudobolne, Dezanijska Kosa - Upravnik:
prim. dr Ljubisa Ilic.

(TUBERCULOSIS, PULMONARY) (ISONIAZID)
(STREPTOMYCIN)

5

FOSTIKOV, Boris; DRAGANIC, Julijana; VRANJESEVIC, Gordana

Complications in the treatment of pulmonary tuberculosis with
pyrizamide. Tuberkuloza 15 no.2:263-265 Ap-Je '63.

1. Gradska bolnica za grudobolne, Bezanijska Kosa - Upravnik:
prim. dr Ljubisa Ilic.

(PYRIZAMIDE) (TUBERCULOSIS, PULMONARY)
(LIVER DISEASES)

S

POSTIKOV, Boris; DRAGANIC, Julijana; VRANJESEVIC, Gordana

Complications in the treatment of pulmonary tuberculosis with
pyrazinamide. Srpski arh. celok. lek. 91 no.12:1157-1164 D '63.

1. Bolnica za grudobolne, Bezanijska Kosa - Zemun (Upravnik: prim.
dr. Ljubisa Ilic).

"APPROVED FOR RELEASE: Friday, July 28, 2000

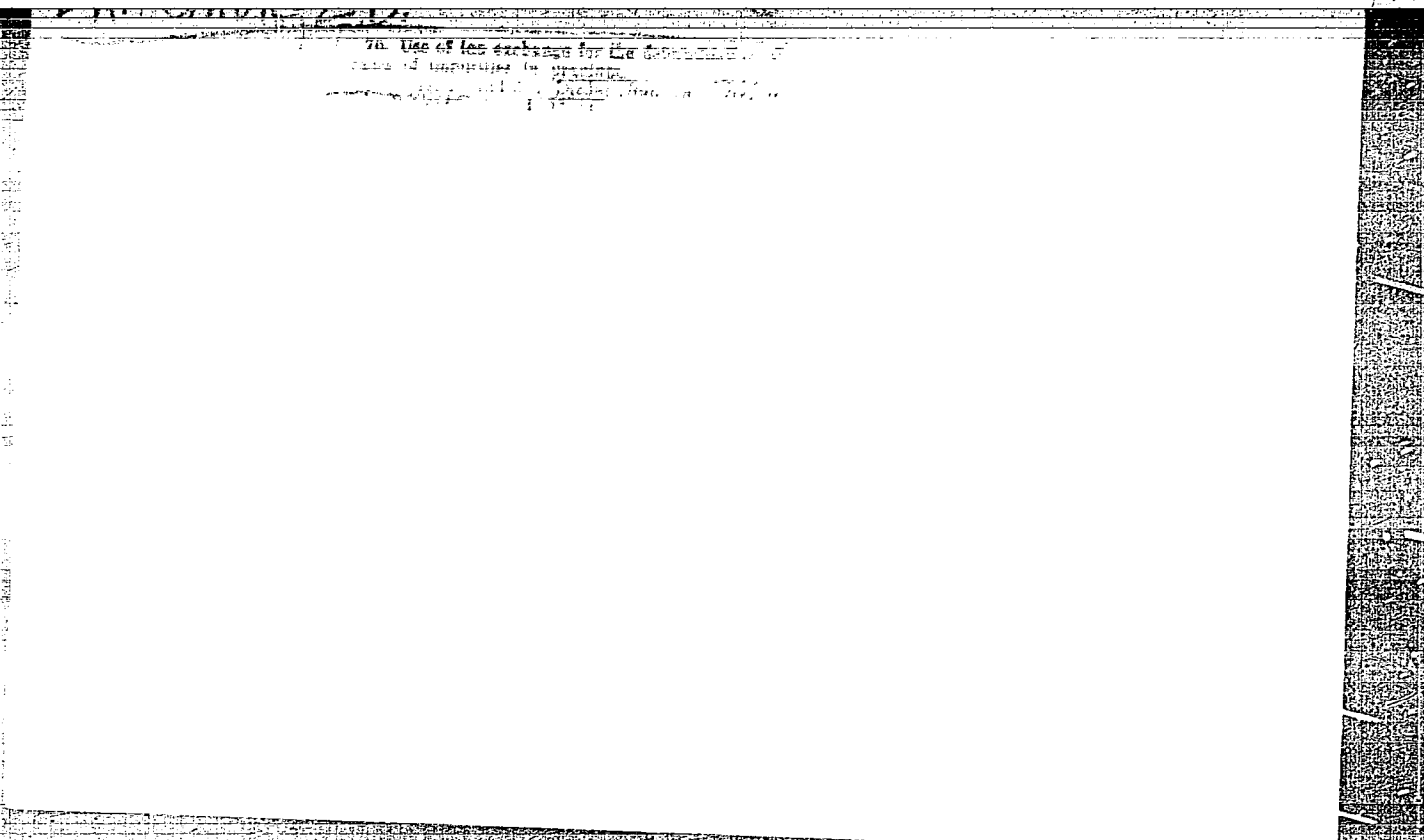
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DRAGANIC, Zorica, dipl. hem. (Beograd, Jevremova 16)

Possibilities of the utilization of ionizing radiations. 1. Industry of plastics. Tehnika Jug 17 no.1:241-240 Ja '62.

1. Asistent Odeljenja za radijacionu hemiju u Institutu za nuklearne nauke "Boris Kidric", Beograd-Vinca i clan Redakcionog odbora, "Radio-aktivni izotopi i sracenja".

(Radiation) (Ionization)

DRAGANIC, Zorica, dipl. hem., asistent (Beograd, Jevremova 16)

Possibilities of the utilization of ionizing radiation. II. Chemical industry. Tehnika Jug 17 no.2:224-229 F '62.

1. Institut za nuklearne nauke "Boris Kidric", Odeljenje za radijacionu hemiju, Vinca.

(Ionization) (Radiation) (Chemical industries)

DRAGANIC, Zorica, dipl. hem., asistent. (Beograd, Jevremova 16)

Possibilities of the application of ionizing radiation. III.
Pasteurization and preservation of foodstuffs. Tehnika Jug
17 no.4:639-643 Ap '62.

1. Institut za nuklearne nauke "Boris Kidric", Odeljenje za
radijacionu hemiju, Beograd-Vinca; clan Redakcionog odbora,
"Radioaktivni izotopi i zracenja".

DRAGANIC, Z.

Spectrophotometric determination of some organic acids
with Cu-benzidine. Bul Inst Nucl 14 no. 2: 73-82
Ap '63.

1. Department of Radiation Chemistry, Boris Kidric
Institute of Nuclear Sciences, Beograd-Vinca.

DRAGANIC, Zorica, dipl. hom.

Apropos of an anniversary. Tehnika Jug 19 no.6: Suppl: Radioizotopi
zrac 3 no.6:1020-1022 Je '64.

DRAGANIC, Z.; DRAGANIC, I.; KOSANIC, M.

Radiolysis of aqueous solutions of oxalic acid. Pt.1.;abstract.
Glas Hem dr 27 no.9/10:537-538 '64

1. The Boris Kidric Institute of Nuclear Sciences, Department of Radiation Chemistry, Belgrade-Vinca.

L 45414-66 EWP(j) GG/RM

ACC NR:

AP6028411

SOURCE CODE: YU/0020/66/000/001/0011/0019

AUTHOR: Draganic, Zorica -- Draganich, Z., (Graduate chemist; Senior assistant); Draganic, Ivan -- Daganich, I., (Doctor of physical sciences; Senior scientific adviser) 413

ORG: Institute for Nuclear Science "Boris Kidric", Vinca (Institut za nuklearne nauke)

TITLE: Radiation-induced¹⁹ water decomposition

SOURCE: Nuklearna energija, no. 1, 1966, 11-19

TOPIC TAGS: radiation effect, physical chemistry, water radiolysis, calorimeter, dosimeter

ABSTRACT: A report on the free-radical model of water radiolysis, including the studies at the Laboratory for Radiation Chemistry of the Boris Kidric Institute at Vinca, is presented. The competition kinetic method used in the measurements of the radiation-chemical yields of primary free radical products and the physico-chemical and electrochemical methods used in measuring the stable radiolysis

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L 45414-66

ACC NR: AP6028411

products are described, and the measurement results are given. Two-view block diagrams of calorimeters used in measuring the absorbed energy and mixed reactor radiation are presented, i. e., the differential calorimeter for gamma radiation, a differential three-body calorimeter for mixed reactor radiation, and a sensitive isothermal calorimeter with thermistors used in the low-reactor-power experiments. The rate constants of radiation-chemical reactions are presented in a table. A chemical dosimeter based on an oxalic-acid aqueous solution in a quart vessel is said to have been used for measuring large absorbed doses, especially in the reactors. Orig. art. has: 8 figures, 6 tables, and 12 formulas. [KP]

SUB CODE: 18/ SUBM DATE: none/ ORIG REF: 001/ OTH REF: 015/

hs

Card 2/2

DRAGANIC, Zorica, dipl. hem.

A conference on the application of high-power sources of radiation in industries; practical application of radiation and chemical reactions. Tehnika Jug 19 no.5:Suppl:Radioisotopi srac 3 no.5:332-834 My '64.

DRAGANIC, Zlatko

Filing of the cards for the writing of invoices. Mehanografija 2 no.11:
1-13 N '61

DRAGANIC, Zlatko

Writing (printing) of invoices. Mechanografija 2 no.12:1-6 D '61

GOLOV, V., prof.; ZUBOV, I., prof.; S. G. GOL, I., prof.; S. G. GOL, I., prof., inst.

Theoretical design of a three-pendant converter with a feedback.

Elektronika 15 no.10:1985 p.10.

1. Machinery and Electro-mechanical Engineering, 1985.

DRAGANOV, B. Kh.

Subject : USSR/Electricity AID P - 2993
Card 1/1 Pub. 29 - 8/28
Author : Draganov, B. Kh., Eng.
Title : ~~Increasing the capacity of a Lantz locomobile~~
Periodical : Energetik, 6, 15-16, Je 1955
Abstract : An article by V. A. Yavorskiy in this journal, 1954, No. 4, about the adjustment of steam conduits of a Lantz locomobile is discussed. The author investigates the problem and makes a series of tests with a locomobile. He presents results of these tests in tabulated form and finds optimal conditions of performance.
Institution : None
Submitted : No date

DRAGANOV, B.Kh.

Using the similitude theory for the investigation and design
of bleeding steam engines. Nauch.dokl.vys.shkoly; energ. no.1:
93-101 '59. (MIRA 12:5)

1. Rekomendovana Ukrainskoy akademiyey sel'skokhozyaystvennykh
nauk.

(Steam engines)

12(3)

AUTHOR:

SOV/143-59-3-10/20
Draganov, B.Kh., Candidate of Technical Sciences.
Docent

TITLE:

The Similarity of Locomobile Steam Engines (Podobiye parovykh mashin lokomobiley)

PERIODICAL:

Izvestiya vysshikh uchebnykh zavedeniy - Energetika, 1959, Nr 3, pp 73-78 (USSR)

ABSTRACT:

Steam engines of low and medium power are widely used in agriculture and other branches of the Soviet economy as prime movers in small power plants, for heating or supplying steam for production processes. The attempts to determine the principal relations required for calculating an actual machine by analytical methods lead to lengthy expressions, even with a number of simplifying assumptions. Thereby, the theoretical solutions differ from experimental data, and do not result in reliable calculation methods. In recent years, a new method for investigating thermal processes came into use, which is based on the theory of similarity. The principle of the

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The Similarity of Locomobile Steam Engines SOV/143-59-3-10/20

new method consists of combining experimental investigations of a thermal process with its physical-mathematical description, which provides a strictly scientific approach to the analysis of thermal phenomena under consideration. The method of the similarity theory, developed by Academician M.V. Kirpichev and his school, permits the generalization of the available material from tests of thermal engines. The theory of similarity was first applied by Professor P.K. Konakov [Ref 1] for analyzing the thermodynamic process of locomotive steam engines with single expansion. Using the latter method, M.V. Kirpichev and V.N. Sologubov analyzed the work of narrow-gage locomotive steam engines, while V.V. Lakhanin analyzed multi-expansion ship engines. An investigation method based on the theory of similarity was not used so far for the analysis of the working process of locomobile steam engines and steam engines with steam extraction. The principal equation of the thermodynamic process of a steam engine were obtained by Professor P.K. Konakov. The mathematical equations of the steam

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The Similarity of Locomobile Steam Engines

SOV/143-59-3-10/20

engine process may be used for obtaining similarity invariants. The thermo-dynamic processes of locomobile steam engines P-38, ST-100, SK-250, SK-350, STK-250 and STK-350 were investigated using generalized coordinates. First the author presents graphs for single-expansion steam engines P-38 and ST-100. Then follow dual-expansion condensation machines and such with steam extraction. The results obtained by these investigations lead to the conclusion that single-expansion locomobile engines, as used in agriculture, are similar and that the criterion relations are identical for these machines. The dual-expansion machines are also similar among themselves. The criterion relations are equal for machines of type SK (dual expansion without steam extraction) and all machines STK (dual expansion with steam extraction). In this way all locomobile engines may be divided into these two categories: a) steam engines with one cylinder, b) steam engines with two cylinders. The generalized relations obtained as a result of process-

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The Similarity of Locomobile Steam Engines SOV/143-59-3-10/20

sing the experimental data of a certain group which are similar to them. There are 15 graphs and 3 Soviet references.

ASSOCIATION: Ukrainskaya akademiya sel'skokhozyaystvennykh nauk
(Ukrainian Academy of Agricultural Sciences)
Kafedra teplotekhniki i gidravliki (Chair of Thermal
Power Engineering and Hydraulics)

SUBMITTED: December 8, 1958

Card 4/4

DRAGANOV, B.Kh., dotsent, kand.tekhn.nauk

Simulation of the cycles of an internal combustion reciprocating engine.
Izv.vys.ucheb.zav.; energ. 4 no.4:118-121 Ap '61. (MIRA 14:5)

1. Ukrainskaya akademiya sel'skokhozyaystvennykh nauk. Predstavlena
kafedroy teplo tekhniki i gidravliki.
(Gas and oil engines)

DRAGANOV, B.Kh.

Application of the similitude theory to the study of the thermal processes
of road locomotives. Trudy MIIT no.139:270-271 '61. (MIRA 16:4)

1. Ukrainskaya akademiya sel'skokhozyaystvennykh nauk.
(Steam engines)

ORG: None (A, N)
SOURCE CODE: UR/0145/66/000/009/0092/0097
TITLE: Investigation of the nonstationary process of charging two-cycle engines
SOURCE: IVUZ. Mashinostroyeniye, no. 9, 1966, 92-97
TOPIC TAGS: internal combustion engine, dimension analysis
ABSTRACT: The methods of dimensional analysis are applied to the nonstationary charging process in two-cycle internal combustion engines with regard to the resistance of the intake system. A closed system of three equations is given describing the process in terms of unknown velocity, density and pressure assuming that the process is one-dimensional and adiabatic, i. e. heat exchange is disregarded. Conditions of uniqueness are derived for this system of equations including the geometric characteristics of the system in which the given process takes place as well as initial and boundary conditions. The resultant given expressions are used for finding the dimensionless numbers which characterize the charging process and generalized relationships for these numbers are derived. It is shown that the charging process may be considered self-similar under certain conditions in studying low-speed engines. The proposed self-similarity is used for determining the optimum operating conditions for engines

DRAGANOV, D.

"The first bridge constructed in Bulgaria with prestressed concrete."

STROITELSTVO: Vol. 6, No. 5, 1959; Sofia, Bulgaria

Monthly list of EAST EUROPEAN ACCESSIONS INDEX (EEAI), Library of Congress,
Vol. 8, No. 8, August, 1959

Unclassified

BULGARIA / Cultivated Plants. Grains.

M-2

Abs Jour: Ref Zhur-Biol., No 6, 1958, 24954

Author : Vasilev, I., Draganov, D.

Inst : Not given

Title : The Soil Preparation For Winter Wheat in South
Eastern Bulgaria

Orig Pub: Selskostop. mis'l, 1956, No 9, 520-524 (Bulgarian)

Abstract: Many years research (1951-1956) of experimental
institutions are presented on the study of wheat
productivity in relation to the depth of plowing,
the preceding crops and weather conditions.
-- O. Ya.

Card 1/1

COUNTRY	: BULGARIA	
CATEGORY	: Cultivated Plants. General Problems.	M
RS. JOUR.	: RZhBiol., No.14, 1958, No. 63276	
AUTHOR	: <u>Draganov, D.</u>	
INST.	: -	
TITLE	: The Effect of Forests on the Development and Yields of Agricultural Crops in Southeastern Bulgaria.	
ORIG. PUB.	: Nauchni tr. M-vo na zemed. i gorite. Ser. rasteniev"dstvo 1957, 2, No. 2, 29-48	
SUMMARY	: Results of the studies at the experiment station in Polyakovgrad during 1951-1955. The favorable effect of forests on the development and yields of wheat, barley, vetch, sunflower, corn and tomatoes is pointed out. Over the entire sheltered area, the increase in the yield varies from 13 to 68%. The distance of the protective effect of the forest exceeds by 15-20 times the height of the trees. — A.F. Khlystova	

Card: 1/1

DEAGANOV, D.

"Prospects for Development of Viticulture in the District of Burgas."

p. 3 (Kooperativno Zemedelie, No. 6, June 1958, Sofia, Bulgaria)

Monthly Index of East European Accession (EEAI)LC, Vol. 7, No. 11,
Nov. 1958

DRAGANOV, D.

Influence of high temperatures and dry winds on wheat. Khidro 1
meteorolog no.3:66-73 '60. (EEAI 10:1)
(Atmospheric temperature) (Winds) (Wheat)

DRAGANOV, D.
SURNAME, Given Names

Country: Bulgaria

Academic Degrees: not given

Affiliation: not given

Sources: Sofia, Khidrologiya i Meteorologiya, No 4, 1961, pp 42-49

Data: "The Microclimate of the Corn Crop."

070 901643

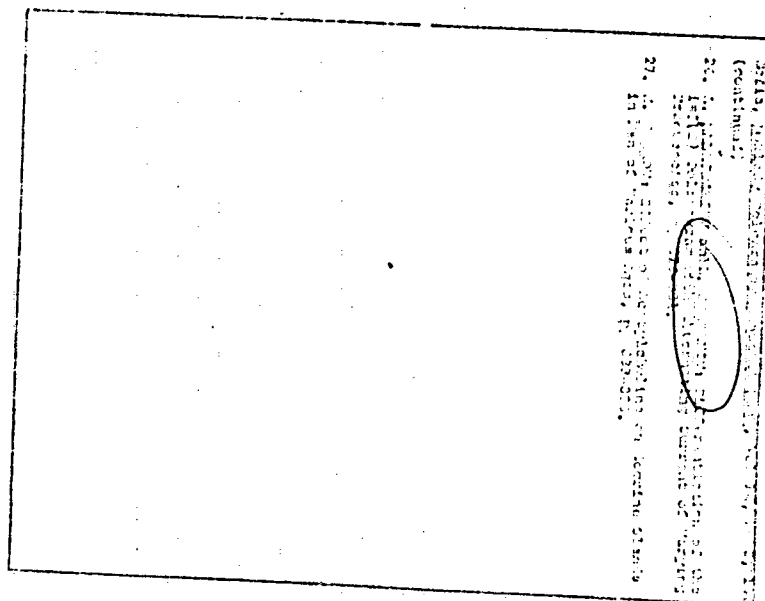
DRAGANOV, D.

Influence of temperature on the appearance of maize leaves.
Khidro i meteorolog 3:44-52 '63.

DRAGANOV, Dragan

Moisture supply for maize at Karnobat. Selakostop nauka 2
no. 3/4 334-344 '63.

DRAGANOV, D.



DONCHEV, St.; IORDANOV, P.; DRAGANOV, I.

Fighting against scorification of the heating surface in
the TP-170-1 boiler of the Thermoelectric Plant, Sofia.
Godishnik khim tekhn 9 no. 3:59-73 '62 [publ. '63]

DRAGANOV, Iv.; SURVENKO, V.

Twenty years of the people's rule, and teachin. mathematics.
Mat 1 fiz Bulg 7 no.4:15-22 J1-Ag '64.

DRAGANOV, Ivan

Some applications of Pythagorean proposition. Mat i fiz Bulg
7 no.5:41-45 '64.

DAGANOV, K. I.

Dissertation: "Criticism of Microgeneration and Certain Propositions on the Continuous Cultivation of Microorganisms." Cand Med Sci, Acad Med Sci USSR, 20 May 54. Vechernyaya Moskva, Moscow, 11 May 54.

SO: SUM 24, 26 Nov 1954

USSR/Engineering - Optical instruments

Card 1/1 : Pub. No - 9/40

Authors : Draganov, K. I., and Eysman, A. A.

Title : Progress in Soviet microscope construction

Periodical : Priroda 43/4, 69-70, Apr 1954

Abstract : The manufacture of microscopes and parts is called one of the youngest industries in the Soviet Union, since until the Revolution only 8 types of microscopes were manufactured with 11 types

Institution :

Submitted :